

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	88923	(protrusion or extension or arm) and (absorb\$4 or soak or take or buffer) and (collide or hit or impact) and (inflat\$4 or air)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/31 07:36
L2	825	l1 and (air adj tube)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/31 07:37
L3	3411	rhee.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/31 07:40
L4	30	l3 and dae	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/31 07:41
L5	0	("2007/0169993").URPN.	USPAT	OR	OFF	2009/07/31 07:45
L6	6732	l1 and (flip or overturn or upsidedown or (upside adj down))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/31 08:29
L7	65	l6 and (air adj resistance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/31 08:30
L8	125	l6 and (air near2 resistance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/31 08:31

L9	295	((air adj tube) or (float\$4 adj device)) near (protrusion or extension or tube) near (upper or head or top or front))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/31 09:05
L10	4	((air adj tube) and extension) near (upper or head or top or front)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/31 09:12
L11	5	("3156442").URPN.	USPAT	OR	OFF	2009/07/31 09:14
L12	0	(air with bag) near2 inflat \$4 near2 impact near2 instant\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/31 09:29
L13	915	(air with bag) and inflat\$4 and impact and instant\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/31 09:29
L14	574	l13 and detect\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/31 09:30
L15	499	l14 and protect\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/31 09:30
L16	3	l15 and emergency and swell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/31 09:31
L17	107	l15 and emergency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/31 09:32

L18	0	(air with bag) near2 inflat \$4 near1 impact near2 instant\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/31 09:35
L19	1	(air with bag) near2 inflat \$4 near2 instant\$4 near2 impact	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/31 09:36
S1	3208	(182/3,3,191- 193,142,145,82).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/16 13:53
S2	2	("4452339"   "4520900"). PN.	USPAT	OR	OFF	2009/06/16 15:30
S3	3318350	tube or capsule or enclosure	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/16 15:52
S4	3265020	cable or rope or wire	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/16 15:52
S5	6492964	air or gas	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/16 15:52
S6	6517753	air or gas or inflate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/16 15:52
S7	589249	descend or repel\$4 or evacuat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/16 15:53

S8	46820	S3 and S4 and S6 and S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/16 15:54
S9	40044	air near tube	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/16 15:56
S10	1207	life near vest	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/16 15:57
S11	14406	"441".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/16 16:20
S12	257	S11 and (air near2 tube)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/16 16:20
S13	0	("2009/0036009").URPN.	USPAT	OR	OFF	2009/06/16 16:34
S14	0	("2007/0205905").URPN.	USPAT	OR	OFF	2009/06/16 16:35
S15	25039	(raft or (float\$4 adj device) or (life near (vest or jacket)) or (float adj ring) or (float\$4 adj mean))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/17 12:39
S16	14431	S15 and (control\$4 or operate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/17 12:40
S17	38	S16 and (fireproof or (fire adj proof))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/17 12:41

S18	1198	S15 and propeller	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/17 12:43
S19	127	("0722801"   "1190743"   "1479903"   "1960474"   "20030232551"   "20040224583"   "2119023"   "2173963"   "2190566"   "2344010"   "2357789"   "2420344"   "2442105"   "2637861"   "2731997"   "2803291"   "2870464"   "3052895"   "3336610"   "3602930"   "3775782"   "3860976"   "3862876"   "3960161"   "3990463"   "4097944"   "4200942"   "4231125"   "4296788"   "4478587"   "4512049"   "4561480"   "4576375"   "4709430"   "4766918"   "4815784"   "4825892"   "4858634"   "4905332"   "4942838"   "4944707"   "4946067"   "4951333"   "4976642"   "5024262"   "5038812"   "5045011"   "5056172"   "5059463"   "5070807"   "5116273"   "5123869"   "5163192"   "5163461"   "5206964"   "5213147"   "5261131"   "5299331"   "5334067"   "5345627"   "5358440"   "5385518"   "5396917"   "5430980"   "5433433"   "5435025"   "5454643"   "5467794"   "5507674"   "5520561"   "5533653"   "5560385"   "5571036"   "5579799"   "5592961"   "5618110"   "5618246"   "5644807"   "5688052"   "5693398"   "5718612"   "5729846"   "5730529"   "5810695"   "5885123"   "5976023"   "6030300"   "6073283"   "6113453"   "6170100"   "6173671"   "6192635"   "6223673"   "6257943"   "6276979"   "6485344"   "D261464"   "D325489"   "D349593"   "D366177"   "D389362"   "D400749"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/17 12:48

		"D425357"   "D426415"   "D447661"   "D449193"   "RE35571").PN. OR ("6971936").URPN.				
S20	212	(descend\$4 or repel near3 (inflat\$4 or (air near tube))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/13 11:10
S21	6	((("4452339") or ("4520990") or ("4616735"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/13 11:22
S22	15	("0197709"   "3261590"   "3424196"   "3874632"   "4512438"   "4520900"). PN. OR ("4616735"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/13 11:23
S23	15	("0197709"   "3261590"   "3424196"   "3874632"   "4512438"   "4520900"). PN. OR ("4616735"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/13 11:30
S24	12976156	control or operate or steer or direct or guide or pilot or manange or run	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/29 15:02
S25	827827	S24 and (emergency or safety)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/29 15:03
S26	254552	S25 and ((control or operate or steer or direct or guide or pilot or manange or run) near4 (mount\$4 or connect\$4 or coupl\$4 or attach\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/29 15:04
S27	189571	S26 and (descen\$4 or drop or repel or fall or lower or decline)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/29 15:07

S28	93012	S27 and (wire or rope or tether or cable or cord)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/29 15:08
S29	51859	S28 and ((air adj tube) or inflat\$4 or float\$ or air or cushion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/29 15:10
S30	13857	S29 and (evacau\$4 or leave)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/29 15:12
S31	120	S30 and ("182".clas. or "441".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/29 15:15
S32	9651	parachute and (control or operate or steer or direct \$4 or guide or pilot)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/29 15:22
S33	7361	S32 and (descen\$4 or drop or repel or fall or lower or decline)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/29 15:22
S34	4575	S33 and (wire or rope or tether or cable or cord)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/29 15:23
S35	590	S30 and propeller	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/29 15:42
S36	1	("7438619").PN.	USPAT; USOCR	OR	OFF	2009/07/30 20:33

7/ 31/ 2009 10:29:58 AM

C:\ Documents and Settings\ cbradford\ My Documents\ EAST\ Workspaces\ emergency release apparatus.wsp